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UNIVERSITY OF OMAHA

FEBRUARY, 1965

Bulletin of the

College of Graduate Studies

for the academic year

1965 - 1966

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OFFICIAL CALENDAR 1965-66

FIRST SEMESTER

September 9	Guidance examinations for all first semester freshmen and all transfer students.
September 7 - 17	Counseling and Registration.
September 10	Last day for submitting applications for admittance.
September 18	New Student Day, 9 a.m. to 4 p.m. Attendance required of all new and transfer students. NO REGISTRATION.
September 20	Classes begin, day and evening.
September 20	Late registration and changes of program begin.
September 24	Last day for registering for a day class or adding a day class to a schedule, up to 4 p.m. (or changing a day class from "credit" to "audit" or "audit" to "credit"),
September 27	Last day for registering for an evening class, or adding an evening class, to a schedule, up to 6:30 p.m. (or changing an evening class from "credit" to "audit" or "audit" to "credit").
October 8	Founders' Day.
November 12	Theses due in Graduate Office.
November 14	Open House.
November 15	Mid-semester scholastic reports due in Academic Deans Offices by 4 p.m.
November 24	Thanksgiving recess begins at 9:40 p.m.
November 29	Classes resume at 7:30 a.m.
December 10	Last day for filing applications for degrees to be conferred in January, 1966.
December 17	Christmas Convocation at 10:00 a.m.
December 17	Christmas vacation begins at 9:40 p.m.
January 3, 1966	Classes resume at 7:30 a.m.
January 8	Master's Comprehensive Examination.
January 19 - 26	Final Examinations.
January 28	All grades due in Registrar's Office by 4:30 p.m.
January 29	Mid-year Commencement at 10:00 a.m.

GRADUATE FACULTY

- PAUL B. ACKERSON *Secondary Education*
M.S., Oklahoma State University, 1959; Assistant Professor
- FREDERICK W. ADRIAN *History*
Ph.D., Ohio State University, 1942; Professor
- CLIFFORD ANDERBERG *Philosophy*
Ph.D., University of Wisconsin, 1953; Associate Professor and
Chairman of Department
- WILLIAM BACHOP *Biology*
Ph.D., Ohio State University, 1963; Assistant Professor
- WALTER J. BEAUPRE *Special Education*
Ph.D., Columbia University, 1962; Professor;
Director, Speech Therapy
- PAUL L. BECK *History*
Ph.D., University of Nebraska, 1961; Associate Professor
- HOLLIE B. BETHEL *Elementary Education*
Ed.D., University of Colorado, 1957; Professor and Head
of Department
- ROBERT P. BORGMAN *Biology*
Ph.D., Iowa State University, 1962; Assistant Professor
- MERLE E. BROOKS *Biology*
Ph.D., University of Colorado, 1956; Professor
- WILLIAM M. BROWN *Marketing*
Ph.D., University of Pittsburgh, 1957; Associate Professor
- CHARLES M. BULL *Marketing*
Ph.D., University of Nebraska, 1962; Professor and Head
of Department
- KENNETH BURKHOLDER *Education*
Ed.D., University of Nebraska, 1959; Professor
- KARL H. D. BUSCH *Biology*
Ph.D., Ohio State University, 1940; Professor and Head
of Department
- DONALD C. CUSHENBERY *Special Education*
Ed.D., University of Missouri, 1964; Associate Professor;
Director, Reading Clinic
- LAWRENCE A. DANTON *Economics*
Ph.D., University of Nebraska, 1964; Associate Professor
- WALTER W. DAVIS *History*
Ph.D., University of Colorado, 1964; Assistant Professor
- JOSEPH G. DUNN *Elementary Education*
Ed.D., University of Missouri, 1955; Professor
- RICHARD E. GIBSON *Engineering*
M.S., University of Illinois, 1955; Registered Professional
Engineer; Associate Professor
- G. WAYNE GLIDDEN *Secondary Education*
Ed.D., University of Nebraska, 1964; Assistant Professor
- FRANK H. GORMAN *Education*
Ph.D., University of Missouri, 1931; Professor; Dean of the
College of Teacher Education; Liaison Director, Child Study
Service in co-operation with Omaha Public Schools

- ERT J. GUM *History*
Ph.D., Louisiana State University, 1963; Assistant Professor
- CHARLES A. HARKNESS *Education*
Ed.D., University of Kansas, 1963; Assistant Professor and
Director of University Studies Division
- ROBERT D. HARPER *English*
Ph.D., University of Chicago, 1949; Professor; Dean of the College
of Liberal Arts
- GEORGE T. HARRIS *Business Administration*
Ph.D., State University of Iowa, 1953; The Frederick W. Kayser
Professor of Finance
- FORREST R. HAZARD *Foreign Languages*
M.A., University of Nebraska, 1952; Assistant Professor
- GEORGE C. HELLING *Sociology*
Ph.D., University of Minnesota, 1959; Professor and
Head of Department
- WAYNE HIGLEY *Accounting*
Ph.D., University of Illinois, 1962; C.P.A.; Associate Professor
- ALBERT S. HILL *History*
Ph.D., Harvard University, 1963; Associate Professor
- JACK A. HILL *Management*
Ph.D., University of Texas, 1964; Professor and Head of Department
- LETA F. HOLLEY *Secretarial Science*
Ed.D., University of Colorado, 1960; Professor and Head of Department
- JAMES Q. HOSSACK *Engineering*
M.S.C.E., University of Nebraska, 1959; Registered Professional Engineer;
Associate Professor
- HUBERT L. HUNZEKER *Mathematics*
Ph.D., University of Michigan, 1958; Professor and
Head of Department
- FRANCIS M. HURST *Psychology*
Ed.D., Indiana University, 1954; Professor
- CHARLES O. INGHAM *Biology*
Ph.D., University of Utah, 1963; Assistant Professor
- WILLIAM E. JAYNES *Psychology*
Ph.D., Ohio State University, 1955; Professor and Head of Department
- PAUL C. KENNEDY *Secondary Education*
Ed.D., University of Kansas, 1955; Professor and Head of Department
- C. ROBERT KEPPEL *Chemistry*
Ph.D., Massachusetts Institute of Technology, 1959; Assistant Professor
- VIRGIL J. KROEGER *Sociology*
Ph.D., University of Minnesota, 1961; Associate Professor
- W. C. B. LAMBERT *Political Science*
Ph.D., Washington University, 1950; Professor
- WILLIAM B. LEMAR *Engineering*
M.E., Yale University, 1947; Registered Professional Engineer;
Associate Professor
- WALTER W. LINSTROMBERG *Chemistry*
Ph.D., University of Missouri, 1955; Professor
- D. N. MARQUARDT *Chemistry*
Ph.D., State University of Iowa, 1940; Professor and Head of Department

- ANSON D. MARSTON *Engineering*
M.S.C.E., University of Wisconsin, 1926; E.E., Iowa State University, 1931;
Registered Professional Engineer; Professor and Head of Department
- JOHN G. McMILLAN *Physics*
M.A., University of Nebraska, 1942; Professor and Head of Department
- WOODROW L. MOST *Foreign Languages*
Ph.D., Laval University, 1953; Professor and Head of Department
- KIRK E. NAYLOR *Education*
Ed.D., University of Kansas, 1952; Professor; Dean of Administration
- M. GENE NEWPORT *Management*
Ph.D., University of Illinois, 1963; Associate Professor
- JOHN M. NEWTON *Psychology*
Ph.D., Ohio State University, 1955; Associate Professor
- B. GALE OLESON *Education*
Ph.D., University of Wyoming, 1953; Associate Professor;
Director, Academic Testing and Counseling
- ROBERT C. O'REILLY *Secondary Education*
Ed.D., University of Kansas, 1962; Associate Professor
- D. T. PEDRINI *Psychology*
Ph.D., University of Texas, 1958; Associate Professor
- DONALD J. PFLASTERER *Education*
M.Ed., University of Nebraska, 1952; Associate Professor;
Dean of Student Personnel
- LEONARD PRESTWICH *Retail Management*
Ph.D., Ohio State University, 1957; Professor and Head of Department
- GEORGE R. RACHFORD *Education*
Ed.D., Indiana University, 1955; Professor; Dean of the College
of Graduate Studies
- HARRY W. REYNOLDS, JR. *Political Science*
Ph.D., University of Pennsylvania, 1954; Associate Professor;
Director, Urban Studies Institute
- ROY M. ROBBINS *History*
Ph.D., University of Wisconsin, 1929; Professor
- WILLIS P. ROKES *Insurance*
LL.B., University of Utah, 1951; Ph.D., Ohio State University, 1959;
C.L.U.; C.P.C.U.; Professor and Head of Department
- GORDON SCHILZ *Geography*
Ph.D., Clark University, 1948; Professor and Head of Department
- JAMES A. SCRIVEN *Education*
Ed.D., University of Oklahoma, 1961; Assistant Professor;
Director of Admissions
- SAM SOLLENBERGER *Education*
Ed.D., University of Nebraska, 1961 Associate Professor;
Assistant Dean of the College of Adult Education
- PAUL J. STAGEMAN *Chemistry*
Ph.D., University of Nebraska, 1963; Associate Professor
- ELROY J. STEELE *Economics*
Ph.D., State University of Iowa, 1957; Professor and
Head of Department
- A. STANLEY TRICKETT *History*
Ph.D., The Victoria University of Manchester, England, 1935;
Professor and Head of Department
- WILLIAM T. UTLEY *Political Science*
M.A., University of Arkansas, 1936; Professor and Head of Department;
Director, Public Affairs Institute; Dean, College of Adult Education

- PHILIP E. VOGEL *Geography*
Ph.D., University of Nebraska, 1960; Associate Professor
- PHILIP H. VOGT *Sociology*
M.S., Washington University, 1935; Associate Professor
- WILLIAM E. WALDEN *Mathematics*
Ph.D., New Mexico State University, 1964; Associate Professor;
Director, Computer Services
- RALPH M. WARDLE *English*
Ph.D., Harvard University, 1940; The Albert W. Jefferis Professor
and Head of Department
- RICHARD L. WIKOFF *Psychology*
M.S., Oklahoma State University, 1963; Instructor
- CONRAD WURTZ *Education*
Ph.D., University of Minnesota, 1956; Associate Professor; Director,
Child Study Service in co-operation with Omaha Public Schools
- RAYMOND A. ZIEBARTH *Education and Mathematics*
Ph.D., University of Minnesota, 1963; Assistant Professor

GRADUATE LECTURERS

- WILLIAM C. ALSMEYER *Engineering*
Ph.D., Iowa State, 1951
- D. CRAIG AFFLECK *Psychology*
Ph.D., Northwestern, 1954
- NEILS WODDER *Psychology*
Ed.D., University of Nebraska, 1958
- J. LEWIS YAGER *Psychology*
Ph.D., University of Chicago, 1944
- CRAIG FULLERTON *Education*
Ph.D., State University of Iowa, 1955

ACCREDITED STANDING

The University of Omaha is fully accredited by the North Central Association of Colleges and Secondary Schools, the National Council for Accreditation of Teacher Education, and is a member of the National Commission of Accrediting (not an accrediting agency), the American Association of Colleges for Teacher Education, the Association of Urban Universities, the Association of American Colleges, the National University Extension Association, the American Association of University Women, the Council of Graduate Schools in the United States, the Midwest Conference on Graduate Study and Research, the Engineering Council for Professional Development, the Association of University Evening Colleges, the Adult Education Association of the United States, Association of Governing Boards, the approved list of the International Reading Association, and the American Council on Education. Its courses are accepted, for purposes of teacher certification, by the Nebraska State Department of Public Instruction.

Course credits from the University of Omaha are accepted by other colleges and universities which are members of the North Central Association and by other regional accrediting agencies.

UNIVERSITY REGULATIONS

The University and its various colleges, divisions, and departments reserve the right to change the rules controlling admission to, instruction in, and graduation from the University or its various divisions.

Such regulations are operative whenever the University authorities deem necessary and apply not only to prospective students but also to those currently enrolled in the University.

The University also reserves the right to withdraw courses, to reassign instructors, and to change tuition and fees at any time.

THE COLLEGE OF GRADUATE STUDIES

GEORGE R. RACHFORD, *Dean*

The first Master's degree was awarded by a special vote of the Board of Regents of the "old" University of Omaha in June, 1931. Graduate work leading to the Master of Arts degree was authorized by the newly organized Municipal University, September, 1931, to be supervised by a Committee on Graduate Studies. In 1942, the Graduate Division was established. The degree of Master of Science in Education was approved in 1948. In 1954, the Committee on Graduate Studies became the Graduate Council and the Chairman became the Director of the Division. In 1960, the Board of Regents authorized a year of graduate study in Education beyond the Master's degree.

Recognizing the growing importance of graduate education, the Board of Regents, in October, 1962, established the College of Graduate Studies as the sixth college of the University of Omaha.

The College of Graduate Studies at the University of Omaha was established to provide an opportunity for advanced study and independent investigation in a limited number of fields of learning for qualified students:

- (1) To work toward a Master of Arts or Master of Science degree.
- (2) To earn graduate credit for the issuance or renewal of certificates for teachers and administrators.
- (3) To provide for professional advancement and scholarly objectives.

Consistent with these objectives, numerous opportunities are provided for advanced students to pursue their studies to the point of original research and investigation, to the discovery of facts, methods, or values. Under the guidance of a major adviser, the student must rely upon his own initiative to apply the principles of methodic study; to master, criticize, and evaluate; and to discover the existing literature in a chosen field of study. To enable the student to attain these objectives, the College of Graduate Studies provides the following facilities: workshops, institutes, seminars, research and special problems courses, supervised thesis instruction, and the supervision of special projects in courses open to graduate credit.

Thus the College of Graduate Studies promotes the spirit of free investigation and free inquiry in the various fields of knowledge, and at the same time serves to unite the various branches of the University in the common task of advancing human knowledge and providing for society intelligent, capable leadership.

ADMINISTRATION

The Graduate Council, which is the legislative and executive body of the College, prescribes the qualifications of all professors who offer graduate work and approves all courses which may be taken for graduate credit. The Dean of the College is Chairman of the Council. The members of the Council are chosen by the President from the departments offering graduate work, upon the recommendation of the respective Deans and Department Heads. Members of the Graduate Faculty are recommended by the Council and approved by the President.

Membership on the Graduate Faculty is subject to the following prerequisites: a Doctor's degree or a demonstrated interest in scholarly research and graduate teaching, as well as the recommendation of the Dean of the College. Members of the Graduate Faculty serve on the final comprehensive examination committees, as well as counsel the graduate student in his major and minor work. They are also primarily responsible for arranging those courses within their departments which are offered for graduate credit.

AIMS AND OBJECTIVES

The College of Graduate Studies offers major programs in the various areas of education: English, history, psychology, sociology, biology and general science—and minor programs in nine additional fields. With the increasing interest in graduate work and the growing research facilities of the University, it is anticipated that additional major programs will become available in the near future.

The graduate program in the liberal arts is designed to meet a variety of needs. By offering advanced study in humanities, social sciences, and natural sciences, it emphasizes, as does the undergraduate program, the non-material aspects of life, providing for the student a fuller understanding and richer appreciation of man's intellectual and cultural heritage. In addition to these general objectives, the program leading to the Master of Arts degree offers a year of graduate work to students who plan to proceed to the doctorate. It is also adapted to the needs of secondary teachers who wish to do their graduate work entirely within the area of their respective teaching fields. A further objective is to furnish graduate students in education a sufficient variety of academic electives to satisfy the various programs in that area.

The graduate program in education has been organized to afford workers in the profession an opportunity to pursue advanced courses in terms of their abilities, interests, and needs. The complexity of modern democratic society places a premium on trained leadership to guide and direct it intelligently. Particularly is this true of the teaching profession, where the teacher is responsible for establishing an environment conducive to the training of citizenry for effective living in a democracy. The specific problems which teachers face in their respective teaching-learning situations become the subject matter for intensive study. The teaching-learning situation is literally put under the microscope by experts in elementary and secondary education; educational, child, and adolescent psychology; tests and measurements; and educational history and philosophy, as they aid teachers in solving their own problems. Thus, the graduate courses are vitalized by the practical applications and improvements which teachers are able to make in their teaching-learning situations.

Graduate students are expected to become familiar with the latest research in educational methods and techniques. At the University of Omaha, they are given opportunities to engage in the study of child growth and development, while continuing their studies in the teaching subjects. Workshops in curriculum building, as well as clinics in language arts, reading, and child psychology are definite parts of the program. Teachers who wish to advance in the profession by becoming principals, supervisors, or superintendents may take a graduate program leading to these particular certificates.

The University brings nationally recognized authorities to the campus to conduct conferences and clinics in various phases of educational admini-

stration and supervision. Teachers, supervisors, and administrators are thus enabled to secure specific aid which will be of value to them in the solution of their individual teaching-learning problems.

INTERNSHIPS AND ASSISTANTSHIPS

Graduate internships in biology, education (elementary, secondary, guidance, reading, school administration), college business management, English, history, psychology (general, industrial), and sociology are available for qualified students.

Internships carry stipends of \$1,600 each plus the remission of tuition. The graduate program for such students is limited to approximately 12 hours a semester. An intern must be a graduate student enrolled in a program of courses carrying credit toward a Master's degree in the particular department in which the internship has been granted. The purpose of the internship is to provide the student with practical experience which will be of co-ordinate or supplementary value to his degree work. This professional activity requires approximately 20 hours a week.

Assistantships in school psychology consisting of one year of graduate study with practical experience in the field of individual intelligence and aptitude testing and the group testing of children are available in the Child Study Center which is operated in cooperation with the Omaha public schools. Psychometrists are to be on duty from August 15 to July 15 and are to work approximately 30 hours per week. Each assistantship in psychometry carries a stipend of \$2,500 plus the remission of tuition.

Applications and their supporting credentials must be received on or before March 1. Address requests for information and applications to the Dean, College of Graduate Studies.

SCHOLARSHIPS

Phi Delta Gamma, a national fraternity for women, offers an annual scholarship of \$200 to a woman graduate student who has completed approximately half her graduate work with an excellent record. For applications and details concerning this scholarship, contact the Dean of the College of Graduate Studies. Applications should be in the Graduate Office by March 1 of each year to be considered for the following academic year.

ORGANIZATIONS

Phi Delta Gamma is a national fraternity for graduate women in all fields. Membership is by invitation.

Phi Delta Kappa is a national fraternity for men who are graduate students in education. Membership is by invitation.

PROCEDURES AND REGULATIONS

ADMISSION AND TRANSCRIPTS

The student admitted to graduate study is advised and expected to familiarize himself with the academic regulations of the University, the College of Graduate Studies, and the particular requirements of his own academic program. The student is responsible for complying with all regulations of the University, the College of Graduate Studies, and the departments of instruction, and for meeting all requirements for his degree. The student should consult with his adviser in the event that there is any question concerning the requirements for his degree.

Admission to the College of Graduate Studies may be granted to students who hold a baccalaureate degree *from an accredited institution*, and who offer *at least fifteen semester hours* of undergraduate work in the department of the proposed graduate major.

New students should correspond with, or go directly to, the Director of Admissions in order to apply for admission. Each new student will be required to file with the Director of Admissions:

- (1) an application to the University of Omaha;
- (2) an application to the College of Graduate Studies;
- (3) present *two (2) official transcripts of all* undergraduate (and graduate, if any) college work previously taken. (Graduates of the University of Omaha need not submit transcripts)
- (4) pay a transcript evaluation fee of \$5 at the Cashier's Office and have the receipt validated by the Director of Admissions. When applying by mail, enclose a check for the transcript evaluation fee.

Applications for Admission should be in the office of the Director of Admissions at least *three weeks prior to the term* in which the student expects to matriculate. Application for admission, together with transcripts, must be filed not only by those students desiring to work for a degree, but also by students desiring certification of graduate credit for a teacher's certificate or for graduate credit to be transferred to some other graduate school. A student whose application is received too late for proper review may be admitted *provisionally*. The *provisional* status will not be removed until one month after the opening of the semester.

Foreign students must provide letters of recommendation, statements of financial independence, and evidence of ability to speak and write the English language. The baccalaureate degree must have been received from an institution accredited by the proper accrediting agencies.

Admission to the College of Graduate Studies does not admit the student to candidacy for the Master's degree. (See "Candidacy for Degree").

CLASSIFICATION OF ADMISSION

UNCONDITIONAL

Unconditional admission to graduate study may be granted to a student who has a Bachelor's degree from a regionally accredited institution, who has earned at least a B average in the undergraduate work in his proposed graduate major and/or minor, and who presents at least 15 semester hours of undergraduate work that meet specific requirements of the departments in his graduate major and/or minors. A student from an institution which is not regionally accredited will be admitted on the same basis as he would be admitted by the state university or reporting institution in that state. In such cases, further work may be required, or suitable examinations, or in some cases the completion of a Bachelor's degree in an accredited institution.

PROVISIONAL

Provisional admission may be granted to a student who has a Bachelor's degree from a regionally accredited institution but who has not completed all of the undergraduate prerequisite course requirements for admission to the College of Graduate Studies. This provisional status will continue until such time as the student has completed all of the undergraduate prerequisites for graduate study. A student on a provisional basis may, with the recommendation of the department head concerned, and the approval of the Graduate Dean take the undergraduate prerequisite courses and a graduate course concurrently, provided he has met the prerequisite requirements for the graduate course.

Provisional admission may occasionally be granted to a student who has less than a B average in the undergraduate work in his proposed graduate major and/or minor, (but in no case less than a C average) upon recommendation of the department head of the major department and/or minor if one is involved, and written approval by the Graduate Dean. This admission may be made for reasons of maturity, experience, or other extenuating circumstances under which the student may be deemed capable of high quality graduate study. This provisional admission will not be removed until the student has successfully demonstrated to the satisfaction of the Department and the Dean his ability to pursue graduate study.

A student may not apply for admission to candidacy for the degree until he has met the requirements of unconditional admission.

SPECIAL

Special students who are not working on a degree program may be permitted to take graduate courses. This applies to graduate students who are meeting requirements for renewal of a teaching certificate, professional growth courses for graduate credit, or students who are taking courses for cultural reasons. Students taking work in the special student classification must hold a Bachelor's degree from a regionally accredited institution and meet the prerequisite requirements set up by the departments in which they are doing their work. Any graduate credit earned by such a special student may be applied toward a degree program only after a student has been granted full standing (unconditional admission) and only if the credits he has earned are applicable on the degree program he proposes to pursue.

CONDITIONAL

A student who is within three semester hours of having completed all requirements for the Bachelor's degree at the University of Omaha, may be provisionally admitted to the College of Graduate Studies.

ADMISSION TO TEACHER EDUCATION PROGRAMS

Students who plan to work for the Master's degree with a major in one of the fields of education must hold a valid teaching certificate or be eligible for such a certificate at the undergraduate level before entering the program.

GRADUATE RECORD EXAMINATION

Graduate students who are candidates for a Master's degree are required to take the Graduate Record Examination during their first semester of enrollment in the College of Graduate Studies unless they have taken it previously and the scores are available to the Dean of the College.

This examination, which requires no special preparation or review, gives valuable evidence of a student's qualifications for graduate work and is very helpful in planning courses of graduate study. A nominal fee is charged for the examination. A student who has not taken the examination prior to his application for admission to the College of Graduate Studies but who is judged from other evidence to be capable of graduate study, is assigned provisional status. A final determination of classification will be made after the examination scores have been studied.

FOREIGN LANGUAGE REQUIREMENT

The major department may require a candidate for the Master's degree to demonstrate by examination a satisfactory reading knowledge of one modern foreign language. Specific instructions regarding the language requirement may be obtained from the student's adviser or from the Graduate Office.

REGISTRATION PROCEDURE

The student is to follow the usual procedure in registering for courses by filling out the proper class-cards and other registration blanks, and by paying fees at the business office. At each registration period the student must secure the signature of his major adviser and of the Dean of the College of Graduate Studies. Students must have been admitted to the College prior to their first registration.

Any student holding a baccalaureate degree should register in the College of Graduate Studies, unless he seeks an additional *undergraduate* degree. Graduate students who are not working toward a Master's degree are regarded as "Special" students. *Special* students include:

- (1) students working for graduate certification in teaching certificates
- (2) graduate students taking a Master's degree in another graduate school
- (3) graduate students working for professional growth
- (4) graduate students working for cultural advancement
- (5) graduate students whose admission is on a provisional or conditional basis; i.e. advanced seniors, students who have undergraduate deficiencies, students from unaccredited institutions, etc.

CERTIFICATION OR PROFESSIONAL GROWTH

Students who wish to take courses for graduate credit to be used for certification purposes or professional growth must meet the same admission requirements as other graduate students. They must also make application for admission to the Graduate College. (See admission to Graduate College.)

ADMINISTRATIVE CERTIFICATE

Students who are preparing to meet the requirements for an Administrative or Supervisory Certificate must submit to the Office of the Dean of the College, at the time of application for certification, the names of three persons who can vouch for their personal and professional qualifications as a prospective school administrator.

ADMISSION TO CANDIDACY FOR DEGREE
AND PROGRAM OF STUDY

Admission to the Graduate College does not admit the student to candidacy for the Master's degree. After one semester or nine to twelve hours of graduate work have been completed, the Graduate Council will vote upon candidacy for the degree. It is the responsibility of the student to make application for candidacy for the degree as soon as possible after the completion of the first semester or nine hours of work. No degree can be awarded in the same semester as candidacy for degree is voted.

Application forms may be obtained at the Graduate Office, Room 203, and should be filled out by the student in consultation with his major and/or minor adviser. Both the major and/or minor programs are finally arranged at this time and must be signed by the major and minor advisers. The candidacy for the degree application together with the programs of study must be returned to the Graduate Office for filing, and the student will be notified of the action of the Graduate Council upon his application for candidacy for the degree.

Any modification of a program of study once approved is permissible only upon consent of the major adviser if the major is concerned, and of the minor adviser if the minor is concerned. Blanks for change of program can be obtained at the Graduate Office. The student may elect to take a straight major upon recommendation of the head of the major department.

A grade average of "B," with no grade lower than "C," is required for admission to candidacy for degree.

APPLICATION FOR THE DEGREE

The candidate for the degree must file an application for degree in the Registrar's Office in the semester or session in which the degree is to be granted. The graduation fees must be paid at the same time as the application is made. (See Calendar for date).

THESIS

All candidates for the Master of Arts degree are required to prepare a thesis under the direction of the major adviser. The thesis provides an opportunity for the student to obtain first-hand experience in research methods under competent direction. Up to six hours of credit is allowed for the thesis and the candidate must include the thesis as a course in his schedule during one semester in residence. At the beginning of each semester after the student has initially registered for thesis credit he must inform the Graduate Office concerning the progress of his thesis. Failure to notify the Graduate Office or to be in continuous progress toward the completion of the thesis may result in loss of the thesis topic. The thesis should be initiated at least eight months before the commencement in which the student plans to receive his degree.

Three typewritten copies of the thesis (two copies for the University Library and the student's personal copy), plus an additional copy if required by the department, must be approved by the major adviser and submitted to the Graduate Office in final form no later than the second week in November in the fall semester, the third week in March in the spring semester, or the second week of the summer session. The first copy should be on permanent bond paper of 20-pound weight; the other two copies should be on paper of at least 16-pound weight. Either pica or elite type may be used in typing.

Thesis Manual: The responsibility for placing the thesis in final form rests with the student and his major adviser. All theses must be written in accordance with a standard thesis manual. The Graduate Council has approved an official manual for each department and the student will be advised by his major adviser of the standard form to be used.

The cost of binding three copies (see fees) must be paid by the candidate at the time the thesis is submitted in final form to the Graduate Office. If the department conducting the thesis requires an additional copy, it is to be bound at department expense. The fees are payable in the Cashier's Office.

ORAL EXAMINATION ON THESIS

After the thesis has been delivered to the Graduate Office in final form, the Dean, upon nomination from the major adviser, will appoint a committee to read the thesis and to conduct the oral examination over the thesis and thesis field. This committee shall consist of members from the major department and at least one graduate faculty member from another department of the University. One of the committee members must be a representative of the Graduate Council. If the thesis examination is to be combined with the oral comprehensive (noted above), one-half the time shall be devoted to the thesis and one-half to the graduate courses taken by the candidate.

Final comprehensive oral examinations must be taken at least 30 days before the convocation at which it is expected that the degree will be conferred.

Oral examinations cannot be scheduled during the period between the close of the first term of the summer session and the beginning of the sub-

FINAL COMPREHENSIVE EXAMINATION

A final comprehensive examination is required of all candidates for the Master's degree near the conclusion of their graduate study. For those who are candidates for the 36-hour Master of Science degree, the examination is a written examination held on the University of Omaha campus on a specified date: the second Saturday in January, the last Saturday in April, and the fourth week of the first term of the Summer Session.

For the degree of Master of Arts, the final comprehensive examination may be either written or oral. If written, it must be arranged at the convenience of the major adviser. Candidates for the Master of Arts degree and those Master of Science degree candidates who are taking a comprehensive examination in the field of the academic minor must have completed both the major and minor comprehensives not later than 30 days prior to the commencement at which the degree is to be granted during the regular semesters, and not later than the first week of the second term of the Summer Session. If the comprehensive is to be oral, it should be arranged at the time of the oral examination over the thesis, at which time one-half of the examination can be devoted to the courses taken by the candidate and one-half to the thesis.

If the course work has been of very high quality, the minor professor may excuse the candidate from the comprehensive examination covering the minor field. This does not prejudice the privilege of the minor professor giving a comprehensive, if he so desires. The minor comprehensive is given at a date arranged at the convenience of both the student and the minor adviser but falling within the limits established for all comprehensive examinations.

TIME LIMIT FOR ALL MASTER'S DEGREES

In evaluating credits earned toward an advanced degree, credits dating back five years or more are subject to reduction in value as determined by the Graduate Council. Once a student has been admitted to the College of Graduate Studies, he is expected to have completed the requirements for the degree within a period of five years. Time spent in the military service of the United States may be excepted in the application of this rule.

QUALITY OF WORK

A "B" average, with no grade lower than "C," must be maintained in all work taken as part of the requirements for the degree. A final grade of "C" in each of two courses will require action on the part of the Graduate Council before the student is allowed to count further work toward the degree.

A grade of "D" or below is considered a failing grade and the student receiving such a grade will automatically be dropped from the degree program. The student thus dropped may take course work as a "Special" student but may not be a candidate for a degree.

A course in which a student has received a "failing" grade may not be repeated or another course substituted for it.

INC.—A student may be reported "incomplete" if some minor portion

course is not below "D." An incomplete must be made up during the first nine weeks of the following semester. After this time an "Inc." becomes a failure, unless the Dean of the College of Graduate Studies has approved an extension of the time limit.

Grades made in courses that are not part of the requirements for the degree are not counted as a part of the grade requirements.

CLASS ATTENDANCE

Students are required to attend all meetings of classes for which they are registered, and no student may be excused from any of the assigned class work. It may be assumed that irregular attendance will be reflected in lower course grades; moreover, absence reports are regularly sent to the academic deans and to the Dean of Student Personnel, who will take appropriate disciplinary action. In case of an unavoidable absence it is the student's responsibility to contact his instructor promptly and arrange to make up any work missed.

STUDY-LOAD

An average study load for a full time student is 12 hours of course work. The maximum load for anyone working full time on another job is six hours of course work.

COURSES FOR GRADUATE CREDIT

Courses which are available for graduate credit are those which have been especially approved by the Graduate Council with syllabi on file in the Graduate Office.

Courses numbered 500 and above are open only to graduate students. A limited number of upper-division courses (400 numbered) are available for graduate credit but the student is expected to do supplementary work under the direction of the instructor.

RESIDENCE REQUIREMENTS

A minimum of 30 semester credit hours in residence (36 in case of the Master of Science in Education degree), is required for granting of the Master's degree, except as provision is made for the transfer of credit. No credit will be allowed for extension or correspondence work.

TRANSFER OF CREDIT

Students who have completed graduate courses at other approved graduate schools (excluding extension schools) may petition to transfer as much as six hours of credit, provided the courses considered are pertinent to the student's graduate program. Courses for which transfer is requested must not have been used to satisfy the requirements for any previously awarded degree. Grades in courses for transfer of credit must be the equivalent of "B" or higher. No transfer of credit can be made until the student has been admitted to candidacy for the degree. All work accepted for transfer of credit must have been taken within the five-year period allowed for the Master's degree.

A student who has been approved as a candidate for the Master's degree may, with the prior recommendation of the major adviser and the an-

proval of the Graduate Council, earn transfer credit in other graduate schools to the limit of six semester hours in the Master of Arts program and nine semester hours in the Master of Science in Education program. The total hours of transfer credit may not exceed the amount stated.

WITHDRAWAL FROM THE UNIVERSITY

A student who wishes to drop all classes and withdraw from the University proceeds as follows:

1. Obtain withdrawal slip from the Registrar's Office or his adviser.
2. Confer with his adviser and obtain his signature on the withdrawal card.
3. Confer with his Academic Dean and obtain his signature on the withdrawal card.
4. Report to the Office of the Dean of Student Personnel and turn in his activity and library cards.

Refunds will be based on the official schedule.

DROP—When a student finds it necessary to drop a course, he should notify the Registrar and see his adviser immediately. If a student is passing at the time he withdraws, his record will be marked "W," indicating that he withdrew in good standing. If the student is failing at the time he withdraws, his record will be marked "X," indicating that he was failing at the time of withdrawal.

A student may not drop a course with any other grade than "F" after the eighth week of the semester.

WORKSHOPS

No more than *one* workshop of three hours credit may count toward the Master's degree. (College Business Management program excepted).

Exceptions to the above general and special rules and regulations may be made in meritorious cases only with the consent of the Graduate Council upon recommendation of the major or minor adviser.

REQUIRED PROCEDURE FOR GRADUATE STUDENTS

1. File two official transcripts of undergraduate credits (and graduate, if any) and an application for admission form with the Director of Admissions (Room 202). You will be notified by mail of your admission to the college.
2. Arrange your class schedule with your adviser and have him sign your registration slip before presenting it to the Dean of the College of Graduate Studies.
3. Arrange to take the Graduate Record Examination in Room 213, Administration Building, before applying for candidacy for degree. If you have previously taken the examination, have the scores sent to the Graduate Office.
4. Apply for admission to candidacy for the degree at the conclusion of nine hours of work, and arrange the final program of study on a form sheet. Return the completed form to the Graduate Office. The degree requirements must be completed within five years of the first matriculation date.
5. In the semester or session in which the degree is to be conferred, the candidate must file his intention of taking the degree in the Office of the Registrar (See Calendar for exact date).
6. Arrange with your adviser three weeks in advance for the major Comprehensive Examination and notify the Graduate Office of the time and place. In the case of candidates for the Master of Science degree, the established schedule is: fall semester, second Saturday in January; spring semester, last Saturday in April; summer session, some time to be arranged during the fourth week of the first term. Arrange with your minor adviser three weeks in advance of the intended date to take the minor comprehensive examination, and notify the Graduate Office of the time and place.
7. The thesis for the Master of Arts degree must be submitted in final form to the Graduate Office not later than the second week in November in the fall semester, the fourth week in March in the spring semester, or the second week of the Summer Session. No thesis examinations will be scheduled during the second Summer Session.
8. Master of Arts candidates must arrange for the Oral Examination to be given at least 30 days before the date of commencement. In the Summer Session, oral examinations must be completed before the close of the first term.
9. Order the cap and gown from the Book Store.
10. Attend Commencement unless excused by petition to the Graduate Council.

TUITION AND FEES

Student fees are payable in full at the time of registration, and registration is not complete until fees are paid. The University reserves the right to change the amount of tuition and fees at any time if such action is deemed necessary. The total amount for tuition and fees varies with the number of hours of classroom and laboratory work taken.

The average fees per semester are approximately \$240.00 for students who are residents of Omaha, and \$375.00 for non-residents.

INSTRUCTION

Tuition, per semester credit hour: (except Applied Music)	
Undergraduate or Audit	\$ 14.00
Graduate	15.00
Non-resident fee, additional (Graduate, Undergraduate or Audit) per credit hour	9.00
Applied Music fee: (Voice and all instruments except Pipe Organ)	
One semester credit hour	60.00
Two semester credit hours (same instrument)	100.00
Non-credit:	
Per semester (16 lessons)	50.00
Per semester (8 lessons)	35.00
TV Classroom fee, per 3 hr. course (includes materials and mailing)—Total	45.00

REGULAR FEES (NOT REFUNDABLE)

Student Activity Fees:	12.00
Payable by every student (undergraduate and graduate) registered for day classes carrying six or more hours. Covers athletics, publications, general student activities, and student center. Any student carrying less than six hours must pay a minimum activity fee of \$3.00. He may purchase an activity ticket by paying an additional fee of \$9.00.	
Evening Classes (undergraduate and graduate students; no day classes)	3.00
Summer Sessions (per session)	3.00
Air Force ROTC, payable by every ROTC student	2.00
Guidance and Placement Tests (at regularly scheduled times)	5.00
Health Service: Payable each time a student registers	
Day School	2.00
Summer Session (per session)	1.00
Evening Classes (undergraduate, graduate students, no day classes)	1.00
Matriculation Fee:	10.00
Payable at initial enrollment and with each subsequent change of college and upon admission to College of Graduate Studies.	
Registration Fee: Payable each time a student registers	5.00

DEPOSITS

Uniform Deposit: Air Force ROTC — (Refundable)	15.00
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LABORATORY FEES

ART:

Art 101, 102, 151, 251, 281, 351	\$ 5.00
Art 131, 161, 201, 231, 261, 282, 331, 361	7.50
Art Education 330, 336, 430, 436	5.00

BIOLOGY:

Per course (except 316, 424)	12.00
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BUSINESS ADMINISTRATION:

Accounting 101, 102	5.00
Business Administration 313	5.00
Marketing 434	5.00
Retailing 202, 203	5.00
Sec. Sci. 108, 112, 117, 118, 229, 333, 336	5.00

CHEMISTRY:

Per course (except 100, 410, 423)	12.00
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EDUCATION:

Education 208, 486G, 487G, 486, 487	5.00
In-Service - Course 440	30.00
Student Teaching 435, 436, 437, 457, 458	20.00
Practicum 525, 570	20.00

ENGINEERING:

Industrial Engineering 111, 217, 307	12.00
Engineering 110, 155, 250, 311, 315	10.00
Civil Engineering 200, 300, 302	8.00
Engineering 344, 456, 461	5.00
Civil Engineering 347, 449	5.00
Industrial Engineering 418	5.00

GEOGRAPHY:

Geography 217, 254	3.00
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HOME ECONOMICS:

Advanced Interior Decoration 406	3.00
Foods 101, 102, 201, 310	12.00
Clothing 103, 104, 303, 304, 404	7.00
Textiles, Non-textiles 202, 203	5.00

JOURNALISM:

Journalism 115, 116	2.00
Journalism 311, 313	5.00

LIBRARY SCIENCE:

Library Science 457	20.00
Audio-Visual 487	5.00

MATHEMATICS:

Mathematics 313	5.00
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MUSIC:

Band 263	5.00
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NATURAL SCIENCE:

Per course	12.00
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NURSING EDUCATION:

Nursing Education 395	20.00
Nursing 105, 121, 125	12.00

PHYSICAL EDUCATION:

P. E. 111, 112, 113, 114, 211, 212, 223, 224, 225	5.00
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PHYSICS:

Per course (except 345)	12.00
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PSYCHOLOGY:

Experimental 421	15.00
Individual Tests 553, 554	15.00
Practicum 595	20.00

SKILLS DEVELOPMENT:

Skill Development 97, 197	5.00
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SPECIAL EDUCATION:

Special Education 425, 475, 425G, 475G	20.00
Special Education 445, 446, 451, 452, 445G, 446G, 451G, 452G	2.00

SPEECH:

Television 225, 226, 325, 326	5.00
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MISCELLANEOUS FEES

Audio-Visual Practical Lab	\$ 5.00
Audit regular credit courses, resident, tuition rate per credit hour	14.00
Change of Schedule fee	5.00
Change of academic record (removal of incomplete, etc.)	5.00
Deferred payment, per semester	5.00
Installment payments may be arranged only for regular day school registrations. No deferred payment is available for evening classes or summer sessions. Arrangements for installment payment of tuition must be completed two full weeks prior to the beginning of classes for any given semester. See the Student Aid Officer in room 240.	
Examination, special, proficiency, advance standing, or out of schedule	5.00
(The tuition for credit to be earned by examination must be paid in advance.)	
Guidance and placement tests taken at times not regularly scheduled, additional fee	5.00
Late registration, first day (Evening Classes)	3.00
Late registration, first day (Day Classes)	3.00
Second day, and thereafter, during first week, additional fee	
Late registration, first day, (Summer Session Classes)	3.00
Teacher Placement initial registration (required)	6.00
Thesis, binding fee	10.00
Transcript, each copy	1.00
Transcript evaluation for students entering by transfer	5.00
Transcript evaluation for students entering the College of Graduate Studies	5.00
Vocational Testing and Counseling:	
Aptitude and academic guidance tests, with individual analysis and counseling fee determined in each case. For child study service tests and reading diagnosis, see administrative office for charges.	

GRADUATION FEES

College of Graduate Studies	\$ 15.00
Undergraduate Colleges	
Baccalaureate degrees	12.50
Associate Titles	7.50
To receive degrees in absentia (additional)	5.00

REFUND SCHEDULE

Refunds are computed from the date application is received by the Registrar, NOT from date of withdrawal from classes. Refund slips issued by the Registrar and given to students are void and not redeemable, unless presented to the cashier (Business Office, Room 230) within 30 days after date of issue.

A student must file notice of withdrawal from class, accompanied by written approval of the adviser and the Dean of Student Personnel, with the Registrar immediately upon dropping any course.

Students paying tuition and/or fees, under the deferred payment basis or under any other student loan, who withdraw before the account is paid in full are not relieved from payment of the amount due; credits to their unpaid accounts will be made only on the basis of the schedule listed below.

DAY CLASSES

Withdrawal before classes start	100%
Withdrawal during 1st or 2nd week	50%
Withdrawal during 3rd or 4th week	25%
Withdrawal after 4th week	0%

SUMMER COURSES (5 week session)

Withdrawal before classes start	100%
Withdrawal during 1st three days	50%
Withdrawal during remainder of the 1st week	25%
Withdrawal after 1st week	0%

EVENING CLASSES

Credit Courses and Non-Credit Courses of 10 Weeks or More

Withdrawal before 1st class meeting	100%
Withdrawal within 1st week	50%
Withdrawal within 2nd week	25%
Withdrawal after 2nd week	0%

(Within 1st and 2nd week refers to the calendar week)

Non-Credit Courses of Less Than 10 Weeks

Withdrawal before 1st class meeting	100%
Withdrawal after 1st class meeting	0%

Credit Courses of 8 Weeks

Withdrawal before 1st class meeting	100%
Withdrawal before 2nd class meeting	50%
Withdrawal before 3rd class meeting	25%
Withdrawal after 3rd class meeting	0%

DEFINITION OF NON-RESIDENT STATUS

The Board of Regents' rules provide that the non-resident fee shall be assessed and collected each semester from:

1. All students who actually reside outside the city limits of Omaha.
2. Students who are under 21 years of age, unmarried, and whose parents or legal guardians live and maintain their place of domicile outside the city limits of Omaha.
3. Students over 21 years of age living in Omaha (whose parents or legal guardians live outside the City of Omaha), who have not qualified to vote in Omaha, or who have not furnished other satisfactory evidence of bona fide residence.

Note: a. Residence of a wife follows that of the husband.

b. Residence status shall be determined at the time of each registration. A change of circumstances during the semester does not justify an adjustment of fees during the semester.

c. In case a legal resident of the City of Omaha is appointed guardian of a minor, the residence of such minor for the purpose of this rule shall be considered established in the City of Omaha unless such legal guardian is appointed solely for the purpose of avoiding the payment of non-resident tuition to the University of Omaha.

d. Proof of residence status rests with the student whenever he challenges assessment of the non-resident fees. Payment of such fees may not be postponed pending decision of any case, but fees shall be refunded to the student if it is later found that they have been collected through error. Willful misstatement or concealment of any facts to influence the decision of a non-resident case is cause for immediate dishonorable dismissal from the University.

ADVANCED DEGREES

The Master's degree or the Specialist in Education degree is conferred by the Board of Regents upon recommendation of the Graduate Council and with the final approval of the University Faculty.

The College offers work toward the following degrees: the Master of Science with a major in education, educational psychology, industrial psychology and applied sociology; and the Master of Arts with majors in biology, education, English, history, psychology, sociology, or general science.

The Specialist in Education degree is a two-year program of specialization in school administration or guidance and counseling. The program is offered for the first time in the 1964-1965 school year.

CO-OPERATIVE PROGRAM LEADING TO THE DOCTOR OF EDUCATION DEGREE

The University of Omaha in co-operation with Indiana University School of Education (Bloomington, Indiana), has arranged a program under which a student who wishes to complete the Doctor of Education degree may take all or part of the second year of graduate work at the University of Omaha, and then take the third year of work, leading to the degree, at Indiana University. For further details concerning this program, and the transfer of work beyond the Master's degree to other institutions, please consult the Dean, College of Graduate Studies at the University of Omaha.

THE MASTER OF ARTS DEGREE WITH MAJORS IN EDUCATION, ENGLISH, HISTORY, PSYCHOLOGY, SOCIOLOGY

The program for the Master of Arts degree will usually be arranged to conform to either of the following general patterns:

- (1) A major of 24 semester hours in the major field of study.
- (2) A thesis not to exceed six semester hours in independent study under the direction of the major adviser.

OR:

- (1) A major of 15 semester hours in the major field of study.
- (2) A minor of nine semester hours in a related field of interest.
- (3) A thesis not to exceed six semester hours in independent study under the direction of the major adviser.

Note: Sociology students — see Master of Science degree with a major in applied sociology for specific examination requirements.

THE MASTER OF ARTS DEGREE WITH A MAJOR IN GENERAL SCIENCE

The program for the Master of Arts with a major in general science degree will be directed by a Graduate Science Committee consisting of the Dean of the College of Graduate Studies and the department heads of each of the science departments: biology, chemistry, mathematics, and physics. Each candidate will be assigned an adviser who will be responsible for the candidate's curriculum and thesis in accordance with the policies established by the Graduate Science Committee and the Graduate Council.

Prerequisites: An applicant for full admission to the graduate program in science must present, as a minimum, the following prerequisites:

Inorganic or General Chemistry	two semesters
General Physics	two semesters
General Biology	two semesters
General Zoology or General Botany	two semesters
Mathematics	through Analytic Geometry

Degree Requirements: The degree requires a minimum of 36 semester hours for completion. Candidates must complete a minimum of 30 semester hours of approved course work and, in addition, submit a thesis, credit for which will be allowed to a maximum of six semester hours. Courses leading to the degree will be distributed across the science areas according to the needs of the student with a maximum of fifteen semester hours allowed in any one field.

In general, the student's program will include at least one course in each of the following fields: chemistry, physics, mathematics, biology.

Any deficiency in a basic zoological, botanical, chemistry, physics, or mathematics course must be made up but may not be counted as part of the 36 hour graduate requirement.

THE MASTER OF ARTS DEGREE WITH A MAJOR IN BIOLOGY

To enter the Master's program in biology, the student must present as prerequisite a Baccalaureate degree and acceptable credit in:

1. Two semesters of basic biology that shall include both botany and zoology.
2. Twenty-four additional semester hours in biological sciences.
3. Two semesters of organic chemistry (may be taken at the undergraduate level concurrently with graduate work).
4. Two semesters of general physics.
5. Mathematics through trigonometry.

GRADUATE COURSE REQUIREMENTS

1. Minimum of 30 semester hours of biological sciences which, with the undergraduate courses, will assure training in each of the areas of morphology, physiology, cytology, genetics, evolution, taxonomy, and ecology. At least nine hours must be in 500 level courses.

2. A thesis not to exceed six hours of independent research under the direction of a major adviser.

THE MASTER OF ARTS DEGREE WITH A MAJOR IN SPEECH CORRECTION

Candidates for the degree Master of Arts with a major in speech therapy are expected to meet the following requirements in addition to those for general admission:

1. Pass an examination to determine adequate personal voice and speech proficiencies and adequate hearing acuity for speech. This examination is administered by the Speech and Hearing Clinic of the University.

2. Have successfully completed a minimum of 18 semester hours of courses in speech science and/or psychology. Speech science courses include such areas as phonetics, acoustics, anatomy and physiology of speech mechanisms, psychology of communication, etc. Psychology courses must include child psychology and psychology of adjustment areas.

A major sequence in speech therapy requires a minimum of 24 hours of course work plus a thesis (six hours). Candidates wishing to meet special national or state certification requirements for speech therapists often need additional hours of course work and practicum. Students should consult with their departmental adviser before planning their programs.

THE MASTER OF SCIENCE DEGREE

The Master of Science degree is offered with majors in a number of programs of education, special education, educational psychology, industrial psychology, and applied sociology.

THE MASTER OF SCIENCE DEGREE WITH A MAJOR IN EDUCATIONAL PSYCHOLOGY OR INDUSTRIAL PSYCHOLOGY

Entrance requirements: (1) For educational psychology: A minimum of 15 hours undergraduate work beyond Psychology 101 and including Psychology 213 or an equivalent course. (2) For industrial psychology: A minimum of 15 hours undergraduate in psychology including Psychology 101, Psychology 213, and Psychology 421 or equivalent courses.

Overall graduate course work requirement: EITHER 36 hours in psychology OR 24 hours in psychology plus 12 hours graduate work in a minor field.

Core course requirements: two of the four three-semester credit hour courses listed below are to be taken as part of the first nine hours of graduate work, and ALL of the courses must be taken at some time for either graduate or undergraduate credit.

415	Multiple Correlation and Factor Analysis3 hours
532	Tests and Measurements3 hours
457	Theories of Developmental Psychology3 hours
501	Hist. and Current Trends in Psych.3 hours

Special requirements:

1. Successful completion of a six-hour written comprehensive exam. This exam is to be taken when no more than three hours of graduate course work (excluding Psychology 595) remains beyond work in progress.
2. Psychology 595, Practicum, must be taken for at least three hours credit. Students are allowed to include up to three hours of additional credit in Psychology 490 or Psychology 595 as part of the 36 hours total.

After completion of the Master of Science in educational psychology it is possible to complete the second year of graduate work required by many

THE MASTER OF SCIENCE DEGREE WITH A MAJOR IN APPLIED SOCIOLOGY

The applicant for admission to the graduate program in sociology must present a minimum of 15 undergraduate semester hours in sociology and a course in statistics.

The student will be expected to complete Sociology 501 and a minimum of 27 additional graduate semester hours which must include at least nine hours in an area of concentration, either Criminology — Penology or Community Organizations. In addition, the student must complete satisfactorily six semester hour equivalents in a supervised work practicum related to his academic area of concentration.

The Master of Arts degree is preferable as preparation for continued scholarly work, the Master of Science as preparation for work in applied sociology. Both degrees require the student to demonstrate proficiency in the subject by means of the following comprehensive examinations.

1. After nine hours of graduate work, the student is eligible to take the qualifying examinations which consist of written tests in (1) Sociological concepts and (2) Statistics and Methodology. Upon passing both parts of this examination, the student may apply for candidacy for the degree.
2. Some time before taking the final oral examination on thesis or Practicum, the student must successfully complete the written preliminary examination which covers topics in (1) social psychology, (2) social problems, (3) social organization, and (4) sociological theory, or a minor field.

THE MASTER OF SCIENCE DEGREE WITH A MAJOR IN SPEECH CORRECTION

Candidates applying for admission to a Master of Science degree program with a major in speech therapy are expected to meet the following requirements:

1. Pass an examination to determine adequate personal voice and speech proficiencies and adequate hearing acuity for speech. This examination is administered by the Speech and Hearing Clinic of the University.
2. Have successfully completed a minimum of 15 semester hours of course work leading towards eligibility for teacher certification.

Those wishing to meet national or state certification requirements for speech therapists should consult with the departmental adviser before planning programs of study.

THE MASTER OF SCIENCE DEGREE WITH A MAJOR IN EDUCATION

This degree is designed primarily for the master teacher, supervisor, or administrator. It is granted upon the completion of a program of advanced study to students who are working professionally in the field of education. Eligibility for teacher certification is a prerequisite for admission to any of the graduate programs with a major in education.

The requirement for this degree is 36 semester credit hours and must always include:

Ed. 501, Introduction to Research 3 hours
(must be earned in the first nine hours)

Psy. 551, Advanced Educational Psychology 3 hours

Ed. 505, Seminar in Education 3 hours
or

Ed. 502, History and Philosophy of Education 3 hours

The total program of courses will usually be arranged to conform to the following general pattern:

- (1) Eighteen to 24 semester hours in the major field of specialization; such as, elementary education, secondary education, educational administration, and guidance.
- (2) Nine to 18 semester hours in a minor field of study.
- (3) Curricula in administration will also include Education 570, Practicum.

The curriculum pattern covers three areas: professional education, specialized teaching fields, and directed academic electives.

Professional education may include courses in the following fields: administration, supervision, secondary education, elementary education, educational guidance, nursing education, and college business management.

Students may major in the following fields: elementary education, guidance, public school administration (includes elementary and secondary administration), secondary education, nursing education, reading, special education, (includes speech correction, education for the deaf or mentally retarded) and college business management. Minor fields include: education (for those majoring in academic fields), elementary education, reading, secondary education, and others.

The program in the major field of study will be determined by the student and his major adviser; the minor field of study by the student and his minor adviser, subject to the approval of the Dean.

PROGRAMS FOR MAJORS IN EDUCATION

Students pursuing a Master of Science degree with a major in education shall be expected to take at least 9 to 18 semester hours in selected academic courses. These should preferably be in courses other than those offered in education. These courses shall be selected on the basis of advisement and availability. For purposes of brevity, such courses shall be designated as selected academic courses. The following are suggested programs only which may apply to the Master of Science degree with a major in education. The program of studies for the Master of Arts degree with a major in education will be determined by the major adviser upon request.

MAJOR IN ELEMENTARY EDUCATION

- I. Selected Academic Courses 6 to 12 hours
- II. Required Courses 24 hours
 - Ed. 501, Introduction to Research
 - Ed. 502, History and Philosophy of Education
 - or
 - Ed. 505, Educational Seminar
 - Ed. 511, Problems in Teaching Reading — Elementary
 - Ed. 541, Tool Subjects in the Elementary School
 - Ed. 542, Cultural and Content Subjects — Elementary School
 - Ed. 566, Administration and Supervision in Elementary Schools
 - Psych. 551, Advanced Educational Psychology
- III. Selected Courses 3 to 6 hours
To be determined by student and his adviser

MAJOR IN SECONDARY EDUCATION

- I. Selected Academic Courses 12 to 18 hours
- II. Required Courses 9 hours
 - Ed. 501, Introduction to Education
 - Ed. 502, History and Philosophy of Education
 - or
 - Ed. 505, Educational Seminar
 - Psych. 551, Advanced Educational Psychology
- III. Selected courses 9 to 15 hours
(To be determined by student and his adviser)

MAJOR IN READING

The Master of Science degree with a major in reading conforms to standards of the International Reading Association for the professional training of Reading Specialists. Applicants for admission must be eligible for teacher certification at the undergraduate level. The following program of studies will prepare the student as a teacher of reading at either the elementary or secondary level.

- I. Required Courses 30 to 33 semester hours
 - Ed. 501, Introduction to Research
 - Ed. 502, History and Philosophy of Education
 - or
 - Ed. 505, Educational Seminar
 - Ed. 511, Problems in Teaching Reading — Elementary
 - and/or
 - Ed. 512, Problems in Teaching Reading — Secondary
 - Ed. 513, Diagnostic and Remedial Instruction in Reading
 - Ed. 514, Individual Analysis of Reading Difficulties
 - Ed. 515, Clinical Practice in Reading
 - Psych. 431, Psychological and Educational Testing
 - or
 - Psych. 532, Tests and Measurements
 - Psych. 452, Child Psychology
 - or
 - Psych. 454, Adolescent Psychology
 - Psych. 443, Personality Theory
 - Psych. 551, Advanced Educational Psychology
- II. Selected Elective 3 to 6 hours

†MAJOR IN ADMINISTRATION

- I. Selected Academic Courses6 hours
- II. Required Courses21 hours
 Ed. 501, Introduction to Research
 Ed. 502, History and Philosophy of Education
 or
 Ed. 505, Seminar in Education
 Ed. 511, Problems in Teaching Reading — Elementary
 Ed. 562, Principles of School Administration
 Ed. 566, Administration and Supervision in the Elementary School
 Ed. 570, Practicum in School Administration
 Psych. 551, Advanced Educational Psychology
- III. Select one of the following3 hours
 Ed. 541, Tool Subjects in the Elementary School
 Ed. 542, Cultural and Content Subjects in the Elementary School
- IV. Select two of the following6 hours
 Ed. 563, School Plant Planning and Operation
 Ed. 564, School Law
 Ed. 565, School Business Management

†MAJOR IN SECONDARY ADMINISTRATION

- I. Selected Academic Courses6 hours
- II. Required Courses24 hours
 Ed. 501, Introduction to Research
 Ed. 502, History and Philosophy of Education
 or
 Ed. 505, Seminar in Education
 Ed. 512, Problems in Teaching Reading — Secondary
 Ed. 520, Principles of Guidance
 Ed. 562, Principles of School Administration
 Ed. 567, Administration and Supervision in the Secondary School
 Ed. 570, Practicum in Administration
 Psych. 551, Advanced Educational Psychology
- III. Select two of the following6 hours
 Ed. 563, School Plant Planning and Operation
 Ed. 564, School Law
 Ed. 565, School Business Management

†MAJOR IN GUIDANCE

- I. Required Courses30 hours
 Psych. 413, Introduction to Statistical and Experimental Methods
 Ed. 501, Introduction to Research
 Ed. 505, Education Seminar
 Ed. 520, Principles of Guidance
 Ed. 521, Organization and Administration of Guidance
 Ed. 522, Occupational and Educational Information
 Ed. 523, Individual Analysis
 Ed. 524, Counseling Practices
 Ed. 525, Practicum
 Psych. 551, Advanced Educational Psychology
- II. Directed Electives6 hours
 Psych. 444, Abnormal Psychology
 Psych. 452, Child Psychology
 Psych. 553, Individual Mental Tests
 Soc. Any three hours

† Students who elect a major in School Administration must have had three years of successful teaching experience prior to admission to the program. Students who elect a major in Guidance must have had two years of successful teaching experience prior to admission to the program.

MAJOR IN NURSING EDUCATION

- *I. Academic Electives9 hours
- II. Required Courses27 hours
 Psych. 432, Tests and Measurements
 Psych. 551, Advanced Educational Psychology
 Ed. 481, Principles of Adult Education
 Ed. 486, Audio-Visual Materials in Education
 Ed. 501, Introduction to Research
 Ed. 502, History and Philosophy of Education
 Ed. 524, Counseling Practices (Prereq: Ed. 520 or permission of instructor)
 Ed. 558, Organization and Administration in Nursing Education Programs
 Ed. 559, Topics in Nursing Education

MAJOR IN TEACHING THE DEAF

- *I. Required Courses36 hours
 Psych. 551, Advanced Educational Psychology
 Sped. 420, History, Education and Guidance of the Deaf
 Sped. 421-422, Teaching Speech to the Deaf
 Sped. 423-424, Teaching Language to the Deaf
 Sped. 425, Observation and Student Teaching
 Sped. 433, Methods of Teaching Speech Reading
 Sped. 434-435, Teaching Elementary School Subjects to the Deaf
 Sped. 437, Hearing Tests and Auditory Training
 Sped. 438, Auditory and Speech Mechanisms
 Ed. 501, Introduction to Research
 Sped. 570, Seminar in Special Education (or Ed. 502, History and Philosophy of Education)

MAJOR IN TEACHING THE MENTALLY RETARDED

- *I. Required Courses21 hours
 Ed. 501, Introduction to Research
 One of the following: Psychology 447, 454, 455, 551
 Psych. 459, Psychology of Exceptional Children (or Sped. 562, Teaching the Exceptional Child)
 Sped. 463, Teaching the Trainable Mentally Retarded
 Sped. 464, Teaching the Educable Mentally Retarded
 Sped. 570, Seminar in Special Education (or Ed. 502, History and Philosophy of Education)
 Sped. 475, Observation and Practicum in Mental Retardation
- II. Electives in Education and Special Education9 hours
 Ed. 511, Problems in Teaching Reading — Elementary
 Ed. 519, Diagnostic and Remedial Instruction
 Ed. 520, Principles of Guidance
 Sped. 447, Neurophysiology of Speech Handicapped
 Sped. 443, Speech Pathology: Voice and Articulation
 Sped. 444, Speech Pathology: Rhythm and Symbolization
 Sped. 462, Teaching the Exceptional Child
- **III. Directed Electives in Related Areas6 hours
 Ed. 507, Statistical Methods
 Psych. 443, Personality Theory
 Psych. 444, Abnormal Psychology
 Psych. 447, Counseling Theory
 Psych. 454, Adolescent Psychology
 Psych. 455, Retardation
 Psych. 459, Psychology of Exceptional Children
 Psych. 553, Individual Tests: Children
 Soc. 414, Urban Sociology
 Soc. 435, Criminology
 Biol. 325, Genetics

Prerequisite: Teacher Certification at the undergraduate level.

*Substitutions possible where student has taken equivalent courses on the undergraduate or graduate levels.

**Student is responsible for prerequisites in any elective areas.

MAJOR IN SPEECH CORRECTION

- *I. Required Courses26-28 hours
 Ed. 501, Introduction to Research
 Sped. 570, Seminar in Special Education (or Ed. 502, History and Philosophy of Education)
 Psych. 551, Advanced Educational Psychology
 Sped. 442, Psychology of Speech
 Sped. 443, Speech Pathology: Voice and Articulation
 Sped. 444, Speech Pathology: Rhythm and Symbolization
 Sped. 445, Phonetics of American Speech
 Sped. 446, Speech Evaluation: Methods and Practicum
 Sped. 448, Measurement of Hearing (or 449, Advanced Measurement of Hearing)
 Sped. 451-452, Practicum in Speech Correction
- II. Directed electives in the following areas: Speech Correction, Audiology, Remedial Reading, Teaching the Deaf, Teaching the Mentally Retarded, Psychology and Counseling8-10 hours
 Minimum total36 hours

Prerequisite: Teacher Certification or equivalent at the undergraduate level.

*Substitutions possible where student has taken equivalent courses on the undergraduate or graduate levels.

MASTER OF SCIENCE DEGREE

WITH A MAJOR IN COLLEGE BUSINESS MANAGEMENT

A degree for administrators of colleges and universities — presidents, business managers, accountants, comptrollers, purchasing agents, registrars, etc. For more complete details of this program, write to the Dean of the College of Graduate Studies.

A portion of this degree program consists of short-courses (Education 546 *College Business Management*, 2 hours credit), offered during one week of the summer session, generally the last week in July.

In addition to the four hours in short-courses, the candidate for the Master's degree will offer 12 hours of standard courses in the field of education as noted below (Education 481, 500, 502, and 505). Academic electives comprising 18 to 21 credit hours, may be taken from graduate level courses in education, economics, political science or psychology. The student must present a total of 36 hours in regular education courses and electives for the Master of Science degree. If the student desires, he may receive a Master of Arts degree by presenting 24 hours of course work plus a thesis of three to six hours credit in lieu of a corresponding number of hours of elective work. It will be noted that as many as six hours of credit may be transferred from other accredited graduate schools, provided the transferred credits can be fitted into the degree program.

Prerequisite: Bachelor's degree from an accredited institution and preparation in accounting and major work in either business administration or education. Students with inadequate preparation in accounting must achieve reasonable proficiency in order to be admitted to the program for degree.

- I. Academic Electives(Not to exceed 21 hours)
 (From graduate level courses in education, political science, psychology, English, history, sociology or economics)
- II. Required Courses12 hours
 Ed. 481, Principles of Adult Education
 Ed. 500, Special Studies (Subject to be associated with college business management and report worthy of publication)
 Ed. 502, History and Philosophy of Education
 Ed. 505, Education Seminar
 Ed. 546, College Business Management

SPECIALIST IN EDUCATION DEGREE

The Specialist in Education degree (Ed.S.) is an advanced degree, involving a minimum of one year of study beyond the Master's degree. It is designed to prepare school administrators and directors of guidance to be more competent members of their profession.

Each applicant will be considered in terms of his educational and professional background and experience. Programs will be planned to meet individual needs and objectives. The Specialist in Education degree is designed to be independent of further graduate study. It will be wholly within the province of an institution offering the Doctor's degree to determine whether or not any part of the Specialist program may be used in partial fulfillment of the requirements for such a degree.

Admission and Degree Requirements

Applications for admission should be made directly to the Director of Admissions, University of Omaha (See Admissions). In general, the applicant:

1. Must hold a Master's degree from an accredited institution offering graduate work. The major field of study in the Master's degree must be in the same field in which he proposes to continue his graduate work.
2. Must have had a minimum of four years successful teaching experience and must submit three letters of recommendation from principals, supervisors, or superintendents under whom he has taught.
3. Be approved for admission to the program before his first enrollment.
4. Must submit the results of the Graduate Record Examination with the application for admission.

Before the applicant is accepted for the program, he must be recommended by a faculty advisory committee which will base its recommendation on:

- a. A personal interview
- b. An evaluation of the applicant's general educational and professional qualifications to undertake the proposed program
- c. The results of the Graduate Record Examination
- d. A review of the applicants proposed plan of study including courses, practicums, and seminars
- e. Prerequisite courses which must be completed, if necessary, before the student may be accepted into the program.

The applicant will be notified in writing concerning his admission to the program.

Candidacy for Degree

Permission to enter the program does not automatically designate the applicant as a candidate for the Ed.S. degree. He may become eligible for the degree only after he has completed 12 semester hours of course work and has taken a qualifying comprehensive examination over the field of his specialization.

After a review of his course work and the results of the qualifying examination the candidate's committee will recommend to the Graduate Council which will make the decision concerning the applicant's candidacy for the degree. The applicant will be notified in writing by the Graduate Office of the decision of the Graduate Council. A permanent plan of study will be filed by the committee with the Graduate Office at the time of admission to candidacy.

The candidate must spend a minimum of one semester and one summer in full-time residence study. In some cases, upon the recommendation of the committee and approval by the Dean, a student may be permitted to substitute four summer terms for the residence requirement.

Immediately after acceptance for admission to candidacy, the candidate will file with the Graduate Office a tentative topic for his field study. The field study is an independent study of a specific problem in the area of educational administration or guidance as the case may be. The subject of the study must be approved by the student's faculty committee and the Graduate Dean immediately after the candidate has been approved for candidacy for the degree. The student must continue to report to the Graduate Office each semester the progress of the field study. Failure to report progress may result in loss of the topic and the student may be dropped from the program.

The student must also be enrolled for course work each semester after admission or submit in writing to the Graduate Dean the reason why such enrollment cannot be made. If the student is not enrolled for course work for two consecutive semesters or summer terms, he shall be dropped from the program and must apply for readmission by petition to the Graduate Council.

All work for the Ed.S. degree, including the field project report, must be completed within a period of six years from the time of first admission to the program.

Upon completion of the field project, which will be done under the direction of the faculty committee, the student will submit three typewritten copies to the Graduate Office. This report, which shall be of thesis caliber, must conform to the style prescribed by the College of Graduate Studies.

A final oral examination will be required over the work of the field project and the examination may be extended to include the general field of the student's major and/or minor field. The examination shall be announced to the Graduate Faculty and any member who desires to do so may be present and participate in the questioning. The members of the student's faculty committee will vote upon acceptance of the study.

The following is a typical plan of study which a candidate for the Ed.S. degree in School Administration might be expected to follow:

SPECIALIST IN EDUCATION DEGREE
WITH A MAJOR IN SCHOOL ADMINISTRATION

- I. Required Courses
Ed. 501, Introduction to Research
Ed. 502, History and Philosophy of Education
or
Ed. 505, Education Seminar
Ed. 507, Statistical Method
Psych. 551, Advanced Educational Psychology
Ed. 562, Principles of School Administration
Ed. 566, Administration and Supervision in the Elementary School
Ed. 567, Administration and Supervision in the Secondary School
Ed. 568, School Finance
Ed. 570, Practicum
Ed. 563, School Plant Planning and Operation
Ed. 564, School Law
Ed. 565, School Business Management
Ed. 569, Seminar in Administration
Ed. 611, Field Project
- II. Select one of the following:
Ed. 511, Problems in Teaching Reading — Elementary
Ed. 512, Problems in Teaching Reading — Secondary
Ed. 513, Diagnostic and Remedial Instruction in Reading
- III. Select one of the following:
Ed. 533, Curriculum Planning — Secondary
Ed. 534, Improvement of Secondary School Instruction
Ed. 543, Curriculum Planning — Elementary
- IV. Select one course from the following
Ed. 520, Principles of Guidance
Ed. 521, Organization and Administration of Guidance
Ed. 522, Occupational and Educational Information
- V. Select one course from the following
Ed. 541, Tool Subjects in the Elementary School
Ed. 542, Cultural and Content Subjects — Elementary School
- VI. Select one course from the following
Ed. 494, The Junior High School
Ed. 495, Administration and Supervision in the Junior High School
Ed. 496, Curriculum for the Junior High School
- VII. Select four courses in any one of the following subject matter areas:
- | | | |
|-------------|-------------------|-----------|
| Economics | Sociology | Geography |
| History | Psychology | Biology |
| Mathematics | Political Science | Chemistry |
| English | Natural Science | Physics |

DEPARTMENTS OF INSTRUCTION

Key to symbols:

- I — offered in the first semester of each year
II — offered in the second semester of each year
S — offered in the summer session
E — offered only as an evening class at irregular intervals

Courses numbered 500 or above are open to graduate students only.
Courses numbered 400 are open to both seniors and graduates.

Additional work is required of graduate students in courses numbered 400 if it is to be counted as graduate credit.

DEPARTMENT OF BIOLOGY

- 311 **Experimental Genetics** Prereq: Biol. 316(I,II) 1 hour
316 **Genetics** Prereq: Nat. Sci. 102; Biol. 144 or 174(I,II) 3 hours
334 **Ecology** Prereq: Biol. 174 and 144(I) 4 hours
343 **Morphology of Lower Plants**
Prereq: Nat. Sci. 102, Biol. 144(II) 3 hours
353 **Morphology of Higher Plants**
Prereq: Nat. Sci. 102, Biol. 144(I) 3 hours
363 **Plant Anatomy** Prereq: Nat. Sci. 102, Biol. 144(II) 3 hours
374 **Histology** Prereq: a course in anat.(I) 4 hours
384 **Embryology**
Prereq: Biol. 174 and a course in vertebrate anatomy(II) 4 hours
414 **Cellular Biology** Prereq: Mammalian Anat. or plant morph. or
plant anatomy, 8 hours organic chem. and 8 hours phys.(I) 4 hours
424 **Organic Evolution** Prereq: Genetics(II) 3 hours
444 **Plant Physiology** Prereq: one year each of plant morph. or
plant anat., organic chem. and phys.(II) 4 hours
454 **Taxonomy of Vascular Plants** Prereq: Biol. 144(II) 4 hours
464 **General Bacteriology**
Prereq: Biol. 144, Chem. 214 (concurrently)(I) 4 hours
474 **Animal Physiology** Prereq: Mammalian anat., 8 hours organic
chem. and 8 hours phys.(II) 4 hours
484 **Parasitology** Prereq: Biol. 174(II) 4 hours
494 **Entomology** Prereq: Biol. 174(II) 4 hours
503 **Problems in Biology** Prereq: at least two years of college
biol. and permission; may be repeated once(I,II,S) 3 hours
504 **Research in Biology** 3 hours
506 **Science and Mathematics Seminar**
Prereq: graduate student(I,II,S) 1-3 hours
601 **Thesis** 3 hours
602 **Thesis** 3 hours

DEPARTMENT OF CHEMISTRY

- 313 **Organic Preparations**
 314 Prereq: Chem. 214(I,II) each 1 hour
- 349 **Physical Chemistry** Prereq: Chem. 230, 214, Phys. 212,
 Math. 192 or 224(I,II) 4 hours
- 350 **Physical Chemistry** Prereq: Chem. 230, 214, Phys. 212,
 Math. 192 or 224 (349 prereq. to 350)(I,II) 4 hours
- 361 **Instrumental and Advanced Quantitative Analysis**
 Prereq: Chem. 349, 350(II) 4 hours
- 410 **Advanced Inorganic Chemistry**
 Prereq: Chem. 349, 350(II) 3 hours
- 411 **Advanced Inorganic Chemistry Preparations**
 412 Prereq: Chem. 410 may be taken concurrently(I,II) each 1 hour
- 423 **Advanced Organic Chemistry**
 Prereq: three years of college chem. including Chem. 214(I) 3 hours
- 424 **Identification of Organic Compounds**
 Prereq: three years of college chem. including Chem. 214(II) 3 hours
- 493 **Biochemistry**
 494 Prereq: Chem. 214, 493 prereq. to 494(I,II) each 4 hours
- 501 **Problems in Chemistry** Prereq: three years of Chem.
 502 and permission of instructor(I,II,S) credit arranged
- 503 **Research in Chemistry** permission of instructor ..(I,II,S) credit arranged
- 513 **Organic Chemistry for Teachers**
 514 Prereq: Chem. 110 and 120(I,II) each 4 hours

DEPARTMENT OF ECONOMICS

- 411 **Government and Labor** Prereq: Econ. 315 or permission(II) 3 hours
- 418 **Collective Bargaining** Prereq: Econ. 315 or permission(I,II) 3 hours
- 421 **Advanced Firm and Industry Theory**
 Prereq: Econ. 320 or permission(II) 3 hours
- 423 **Advanced Macro-Theory** Prereq: Econ. 322 or permission(I) 3 hours
- 426 **History of Economic Thought**
 Prereq: Econ. 201 and 202 or permission(I) 3 hours
- 445 **Monetary Theory and Policy** Prereq: Econ. 345 or permission (I) 3 hours
- 446 **Economics of Commercial Banking**
 Prereq: Econ. 345 or permission(II) 2 hours
- 456 **State and Local Finance** Prereq: Econ. 355 or permission(I) 3 hours
- 466 **International Economic Development**
 Prereq: Econ. 365 or permission(II) 3 hours
- 480 **Managerial Economics** Prereq: Econ. 320 or permission(II) 3 hours
- 495 **Special Topics** Prereq: senior or graduate standing(I,II,S) 1-3 hours
- 496 **Special Topics** Prereq: senior or graduate standing(I,II,S) 1-3 hours
- 498 **Seminar in Current Problems**
 Prereq: senior or graduate standing(II) 3 hours
- 505 **Economic Education**
 Practicing teacher and no previous college economics(I) 3 hours
- 506 **Economic Education** A continuation of Econ. 505(II) 3 hours
- 516 **Seminar in Labor Problems**
 Prereq: Econ. 315 or equivalent and graduate standing(I) 3 hours
- 545 **Seminar in Money and Banking**
 Prereq: Econ. 345 or equivalent and graduate standing(II) 3 hours

DEPARTMENT OF EDUCATION

- 420 **Literature for Children and Youth**(I,II,S) 3 hours
- 481 **Principles of Adult Education**(I,S) 3 hours
- 482 **Adult Group Leadership**(II,S) 3 hours
- 486 **Audio-Visual Materials in Education**(I,II,S) 3 hours
- 487 **Audio-Visual Aid Production**(I,S) 3 hours
- 494 **The Junior High School**(I,S) 3 hours
- 495 **Admin. & Supervision of the Junior High School**(II,S) 3 hours
- 496 **Junior High School Curriculum Planning**(I,S) 3 hours
- 500 **Special Studies**(I,II,S) 3 hours
- 501 **Introduction to Research**(I,II,S) 3 hours
- 502 **History and Philosophy of Education**(I,II,S) 3 hours
- 504 **Comparative Education**(I,S) 3 hours
- 505 **Seminar in Education**(I,II,S) 3 hours
- 507 **Statistical Methods**(II,S) 3 hours
- 508 **Topics in Audio-Visual Education**(II,S) 3 hours
- 510 **Research Project**(I,II,S) 3 hours
- 511 **Problems in Teaching Reading — Elementary**(I,S) 3 hours
- 512 **Problems in Teaching Reading — Secondary**(II) 3 hours
- 513 **Diagnostic and Remedial Instruction in Reading**(I,II,S) 3 hours
- 514 **Individual Analysis of Reading Difficulties**(I,S) 3 hours
- 515 **Clinical Practice in Reading**(II,S) 2-3 hours
- 519 **Diagnostic and Remedial Instruction**(I,S) 3 hours
- 520 **Principles of Guidance**(I,S) 3 hours
- 521 **Organization and Administration of Guidance**(I,S) 3 hours
- 522 **Occupational and Educational Information**(II,S) 3 hours
- 523 **Individual Analysis**(II,S) 3 hours
- 524 **Counseling Practice**(I,II,S) 3 hours
- 525 **Practicum in Guidance and Counseling**(I,II) 3 hours
- 533 **Curriculum Planning — Secondary**(II,S) 3 hours
- 534 **Improvement of Secondary School Instruction**(II,S) 3 hours
- 535 **Co-operating Teachers Seminar — Secondary**(I,II) 3 hours
- 541 **Tool Subjects in the Elementary School**(I,S) 3 hours
- 542 **Cultural and Content Subjects — Elementary School** ... (II,S) 3 hours
- 543 **Curriculum Planning — Elementary**(I,S) 3 hours
- 545 **Co-operating Teachers Seminar — Elementary**(I,II) 3 hours
- 553 **Problems of Business Education**(S) 3 hours
- 558 **Organization and Administration of Nursing Education** ..(I,II) 3 hours
- 559 **Topics in Nursing Education**(I,II) 3 hours
- 562 **Principles of School Administration**(II,S) 3 hours
- 563 **School Plant Planning and Operation**(II,S) 3 hours
- 564 **School Law**(I,II) 2 hours
- 565 **School Business Management**(I,II) 2 hours
- 566 **Administration and Supervision in Elementary Schools** ..(II,S) 3 hours
- 567 **Administration and Supervision in Secondary Schools** ... (I,S) 3 hours
- 568 **School Finance**(I,S) 2 hours
- 570 **Practicum in School Administration**(I,II) 3 hours
- 575 **Administration of Higher Education**(S) 3 hours
- 576 **College Business Management**(S) 3 hours

DEPARTMENT OF SPECIAL EDUCATION

420	History, Education and Guidance of the Deaf	(I)	2 hours
421	Teaching Speech to the Deaf I	(I)	2 hours
422	Teaching Speech to the Deaf II	(II)	2 hours
423	Teaching Language to the Deaf I	(I)	3 hours
424	Teaching Language to the Deaf II	(II)	2 hours
425	Observation and Practicum in Teaching the Deaf	(I,II)	3-6 hours
433	Methods of Teaching Speech Reading to the Deaf	(II)	2 hours
434	Teaching Elementary Subjects to the Deaf I	(II)	2 hours
435	Teaching Elementary Subjects to the Deaf II	(I)	2 hours
437	Hearing Tests and Auditory Training	(II)	2 hours
438	Auditory and Speech Mechanisms	(I)	2 hours
441	Speech Development and Correction	(I,II,S)	3 hours
442	Psychology of Speech	(I)	3 hours
443	Speech Pathology: Voice and Articulation	(I)	3 hours
444	Speech Pathology: Rhythm and Symbolization	(II)	3 hours
445	Phonetics of American Speech	(I)	3 hours
446	Speech Evaluation: Methods and Practicum	(II)	3 hours
447	Neurophysiology of the Speech Handicapped	(I)	3 hours
448	Measurement of Hearing	(II)	3 hours
449	Measurement of Hearing: Advanced	(II)	3 hours
451	Practicum in Speech Correction: Beginning	(I,II,S)	1-2 hours
452	Practicum in Speech Correction: Advanced	(I,II,S)	1-2 hours
453	Advanced Problems in Speech Pathology	(I)	3 hours
462	Teaching the Exceptional Child	(II)	3 hours
463	Teaching the Trainable Mentally Retarded	(I)	3 hours
464	Teaching the Educable Mentally Retarded	(II)	3 hours
475	Observation and Practicum in Mental Retardation	(II,S)	3 hours
570	Seminar in Special Education	(II)	3 hours

DEPARTMENT OF ENGINEERING

CE 449	Soil Mechanics	(I)	3 hours
CE 470	Prestressed Concrete	(II)	3 hours
CE 481	Plastic Design	(I)	3 hours
CE 482	Limit Design	(II)	3 hours
CE 500	Structural Design for Dynamic Loads	(I)	3 hours
CE 502	Thin Shell Structures	(II)	3 hours
CE 503	Foundation Engineering	(II)	3 hours
CE 516	Advanced Structures (Space Frames)	(II)	3 hours

DEPARTMENT OF ENGLISH

433	Sixteenth Century Literature	Prereq: Engl. 231	(I)	3 hours
434	Chaucer	Prereq: Engl. 231	(I)	3 hours
440	Eighteenth Century Literature	Prereq: Engl. 231 or 232	(II)	3 hours
448	Seventeenth Century Literature	Prereq: Engl. 231	(I)	3 hours
450	English Drama before 1642	Prereq: Engl. 231	(S)	3 hours
460	Shakespeare	Prereq: Engl. 231	(II)	3 hours
465	The English Novel	Prereq: Engl. 232	(II)	3 hours
468	History of the English Language	Prereq: Engl. 231	(E)	3 hours
481	Literature of the Romantic Period	Prereq: Engl. 232	(I)	3 hours
482	Literature of the Victorian Period	Prereq: Engl. 232	(I)	3 hours
497	The American Novel	Prereq: Engl. 246	(II)	3 hours
498	The American Drama	Prereq: Engl. 112	(II)	3 hours
502	Seminar: Romanticism and Realism	Prereq: graduate standing or permission of department head	(E)	3 hours
504	Seminar: Literary Criticism	Prereq: graduate standing or permission of department head	(II)	3 hours
506	Seminar: American Literature	Prereq: graduate standing or permission of department head		3 hours
508	Seminar: The English Renaissance	Prereq: graduate standing or permission of department head	(I)	3 hours
510	Seminar: Victorian Literature	Prereq: graduate standing or permission of department head	(I)	3 hours
512	Seminar: Shakespeare	Prereq: graduate standing or permission of department head	(II)	3 hours
601	Thesis			3 hours
602	Thesis			3 hours

DEPARTMENT OF FOREIGN LANGUAGES

FRENCH

- 313 **Conversation and Composition**
Prereq: permission of instructor (I) 3 hours
- 315 **Introduction to French Literature**
..... (I,II) each 3 hours
- 316 **Advanced Conversation and Composition**
Prereq: permission of instructor (II) 3 hours
- 337 **French Civilization** (I) 3 hours
- 340 **Eighteenth Century French Literature** (II) 3 hours
- 351 **Nineteenth Century French Literature**
..... (I,II) each 3 hours
- 421 **Sixteenth Century French Literature**
Prereq: permission of instructor (II) 3 hours
- 431 **Seventeenth Century French Literature**
Prereq: permission of instructor (I) 3 hours
- 451 **Twentieth Century French Literature**
Prereq: permission of instructor (I,II) each 3 hours
- 460 **Seminar** Prereq: permission of instructor (II) 1-3 hours

GERMAN

- 313 **Conversation and Composition**
Prereq: permission of instructor (I) 3 hours
- 335 **Advanced Conversation and Composition**
Prereq: permission of instructor (II) 3 hours
- 437 **German Civilization** Prereq: permission of instructor (II) 3 hours
- 440 **German Novelle** Prereq: permission of instructor (II) 3 hours
- 444 **German Drama** Prereq: permission of instructor (I) 3 hours
- 452 **German Literature Since 1800**
Prereq: permission of instructor (II) 3 hours
- 455 **Goethe** Prereq: permission of instructor (II) 3 hours

SPANISH

- 313 **Conversation and Composition**
Prereq: permission of instructor (I) 3 hours
- 315 **Survey of Spanish Literature**
..... (I,II) each 3 hours
- 316 **Survey of Spanish American Literature** (I,II) each 3 hours
- 335 **Advanced Conversation and Composition**
Prereq: permission of instructor (II) 3 hours
- 341 **Spanish Civilization** Prereq: permission of instructor (II) 3 hours
- 342 **Latin American Civilization** Prereq: permission of instructor (I) 3 hours
- 355 **Modern Drama of Spain** Prereq: permission of instructor (II) 3 hours
- 356 **Modern Novel of Spain** Prereq: permission of instructor (II) 3 hours
- 415 **Spanish-American Literature of the 19th Century**
Prereq: permission of instructor (I) 3 hours
- 416 **Spanish-American Literature of the 20th Century**
Prereq: permission of instructor (I) 3 hours
- 420 **Spanish-American Novel** Prereq: permission of instructor (II) 3 hours
- 421 **Spanish Writers of the Golden Age**
Prereq: permission of instructor (II) 3 hours
- 424 **Generation of '98** Prereq: permission of instructor (I) 3 hours
- 430 **Cervantes** Prereq: permission of instructor (I) 3 hours
- 460 **Seminar** Prereq: permission of instructor (II) 1-3 hours

DEPARTMENT OF GEOGRAPHY

- 412 **Urban Geography** Prereq: 6 hours of Geog. or
413 6 hours Soc. (I,II) each 3 hours
- 423 **Great Plains and Nebraska**
Prereq: 6 hours of Geog. (II) 3 hours
- 432 **Climates of the World**
Prereq: Geog. 254 (II) 3 hours
- 443 **Geography of Manufacturing**
Prereq: Geog. 313 or Econ. 201 and 202 and junior standing ... (II) 3 hours
- 453 **Historical Geography of the United States**
Prereq: Hist. 111 and 112 (II) 3 hours
- 501 **Geography Concepts**
Prereq: graduate standing and departmental permission (I) 3 hours
- 502 **Geography Concepts**
Prereq: graduate standing and departmental permission (II) 3 hours
- 521 **Cultural Geography**
Prereq: graduate standing and 6 hours Geog. (I) 3 hours
- 531 **Geography of Agriculture**
Prereq: graduate standing and 6 hours Geog. (II) 3 hours
- 541 **Seminar in Problems of Political Geography**
Prereq: graduate standing and departmental permission (II) 3 hours

DEPARTMENT OF HISTORY

- 411 **Representative Americans, 1600-1828**
Prereq: Hist. 111 and 112 (I) 3 hours
- 412 **Representative Americans, 1828 to the present**
Prereq: Hist. 411 or permission of instructor (II) 3 hours
- 416 **The Jacksonian Era** Prereq: Hist. 111 and 112 (I) 3 hours
- 418 **Civil War and Reconstruction** Prereq: Hist. 111 and 112 ... (II) 3 hours
- 428 **Twentieth Century America** Prereq: Hist. 111 and 112 (I) 3 hours
- 429 **Ideas in Twentieth Century America**
Prereq: Hist. 111 and 112 (II) 3 hours
- 433 **American Constitutional History to 1860**
Prereq: Hist. 111 and 112 (I) 3 hours
- 434 **American Constitutional History since 1860**
Prereq: Hist. 433 or permission of instructor (II) 3 hours
- 451 **Intellectual History of Modern Europe: Seventeenth and Eighteenth Centuries** Prereq: Hist. 151 and 152 (I) 3 hours
- 452 **Intellectual History of Modern Europe: The Revolutionary Age to the Present** Prereq: Hist. 151 and 152 (II) 3 hours
- 453 **Sixteenth Century Europe** Prereq: Hist. 151 and 152 (II) 3 hours
- 454 **Seventeenth Century Europe** Prereq: Hist. 151 and 152 (I) 3 hours
- 455 **Eighteenth Century Europe** Prereq: Hist. 151 and 152 (II) 3 hours
- 456 **The French Revolution and Napoleonic Era: 1789-1815**
Prereq: Hist. 151 and 152 (I) 3 hours
- 457 **Nineteenth Century Europe, 1815-1870**
Prereq: Hist. 151 and 152 (I) 3 hours
- 458 **Nineteenth Century Europe, 1870-1914**
Prereq: Hist. 457 or permission of instructor (II) 3 hours
- 459 **Europe Since 1914** Prereq: Hist. 151 and 152 (II) 3 hours
- 461 **Tudor and Stuart England**
Prereq: Hist. 261 and 262 or Hist. 151 and 152 (II) 3 hours
- 462 **England in the Eighteenth and Nineteenth Centuries**
Prereq: Hist. 261 and 262 or Hist. 151 and 152 (II) 3 hours
- 463 **English Constitutional History to 1485** Prereq: Hist. 261 and 262
or (with permission of instructor) Hist. 151 and 152 (I) 3 hours
- 464 **English Constitutional History since 1485**

- 501 **Advanced Research Project in History** Prereq: acceptance as a graduate major or minor in hist. and permission of the department head and the instructor (I,II,S) 1-5 hours
- 503 **Historical Research** Prereq: acceptance as a graduate major or minor in hist. or permission of the department head and the instructor (Not open for credit to students who have taken Hist. 493, or the equivalent) (I) 3 hours
- 506 **Great American Historians** Prereq: acceptance as a graduate major or minor in hist. or permission of the department head and the instructor (Not open for credit to students who have taken Hist. 496, or the equivalent) (II) 3 hours
- 507 **Great European Historians** Prereq: acceptance as a graduate major or minor in hist. or permission of the department head and the instructor (Not open for credit to students who have taken Hist. 497, or the equivalent) (I,65-66) 3 hours
- 512 **Seminar in American History: The Jacksonian Era** Prereq: acceptance as a graduate major or minor in hist. and permission of the instructor (I) 3 hours
- 517 **Seminar in American History: The Frontier** Prereq: acceptance as a graduate major or minor in hist. and permission of the instructor (II) 3 hours
- 522 **Seminar in American History: Civil War and Reconstruction** Prereq: acceptance as a graduate major or minor in hist. and permission of the instructor (I) 3 hours
- 532 **Seminar in Recent American History** Prereq: acceptance as a graduate major or minor in hist. and permission of the instructor (I) 3 hours
- 535 **Seminar in Local History: Nebraska and the Great Plains** Prereq: acceptance as a graduate major or minor in hist. and permission of the instructor (II) 3 hours
- 542 **Seminar in United States Public Land Policy and Conservation** Prereq: acceptance as a graduate major or minor in hist. and permission of the instructor (I) 3 hours
- 551 **Seminar in Early Modern European History** Prereq: acceptance as a graduate major or minor in hist. and permission of the instructor (II) 3 hours
- 553 **Seminar in European History: The Revolutionary Age** Prereq: acceptance as a graduate major or minor in hist. and permission of the instructor (II) 3 hours
- 555 **Seminar in Nineteenth Century European History** Prereq: acceptance as a graduate major or minor in hist. and permission of the instructor (I) 3 hours
- 556 **Seminar in Twentieth Century European Diplomatic History** Prereq: acceptance as a graduate major or minor in hist. and permission of the instructor (I) 3 hours
- 558 **Seminar in World History: Military History and Policy** Prereq: acceptance as a graduate major or minor in hist. and permission of the instructor (II) 3 hours
- 563 **Seminar in Eighteenth Century British History** Prereq: acceptance as a graduate major or minor in hist. and permission of the instructor (II) 3 hours
- 565 **Seminar in British History: The Era of Reform** Prereq: acceptance as a graduate major or minor in hist. and permission of the instructor (II) 3 hours
- 569 **Seminar in Contemporary British History** Prereq: acceptance as a graduate major or minor in hist. and permission of the instructor (II) 3 hours
- 601 **Thesis** each 3 hours
- 602 **Thesis** each 3 hours

The following 300-level courses in history are open to students for graduate credit with additional assignments: 312, 313, 315, 316, 333, 334, 341, 344, 351, 352, 353, 354, 355, and 364.

DEPARTMENT OF MATHEMATICS

- 311 **Differential Equations** Prereq: Math. 211 (II,E) 3 hours
- 324 **Elementary Topics** (II) 3 hours
- 330 **Numerical Analysis** Prereq: Math. 192, 211, and Fortran (II) 3 hours
- 331 **Game Theory** Prereq: Math. 192, 211 or equivalent (II) 3 hours
- 350 **Finite Probability and Statistics** Prereq: Math. 111 or equivalent (II) 3 hours
- 353 **Probability and Statistics I, II** Prereq: Math. 192 (I,II) each 3 hours
- 360 **Introduction to Topology** Prereq: Math. 192 (II) 3 hours
- 364 **Projective Geometry** Prereq: Math. 191 (I) 3 hours
- 411 **Abstract Algebra** Prereq: Differential and integral calculus (I,II) each 3 hours
- 423 **Mathematical Analysis** Prereq: Math. 311 or equivalent (I,II) each 3 hours
- 427 **Complex Analysis** Prereq: Math. 423-424 or Advanced Calculus (I,II) each 3 hours
- 428 **Independent Studies** permission of department head (I,II,S) 1-4 hours
- 511 **Linear Algebra I, II** Prereq: Math. 411 (I,II) each 3 hours
- 525 **Partial Differential Equations** Prereq: Math. 423 (II) 3 hours
- 560 **Differential Geometry** Prereq: Math. 423 (I) 3 hours

DEPARTMENT OF POLITICAL SCIENCE

- 301 **Government of American Cities** (I,II) 3 hours
- 313 **Comparative Government: Democracies** Prereq: Pol. Sci. 201 (I) 3 hours
- 314 **Comparative Government: Dictatorships** Prereq: Pol. Sci. 201 (II) 3 hours
- 315 **Communism, Its Theory and Practice** (I) 3 hours
- 316 **Political Parties** Prereq: Pol. Sci. 200 or 201 (I) 3 hours
- 317 **Principles of Public Administration** Prereq: Pol. Sci. 200 or 201 (I) 3 hours
- 318 **Public Personnel Management** Prereq: Pol. Sci. 317 or permission (II) 3 hours
- 319 **Municipal Administration** Prereq: Pol. Sci. 301, 317, or permission (II) 3 hours
- 321 **International Relations** (I,II,S) 3 hours
- 322 **International Organization** (II) 3 hours
- 323 **National Security Policy** Prereq: 6 hours Pol. Sci. with Pol. Sci. 321 recommended (I) 3 hours
- 326 **American Diplomacy** (I) 3 hours
- 333 **American Political Thought** (II) 3 hours
- 413 **Comparative Government: Underdeveloped Areas** Prereq: Pol. Sci. 313 and/or 314 (II) 3 hours
- 418 **American Constitutional Law: Institutions and Powers** Prereq: Pol. Sci. 201 (I) 3 hours
- 419 **American Constitutional Law: Political and Civil Rights** Prereq: Pol. Sci. 201 (II) 3 hours
- 421 **Theories and Literature of International Relations** Prereq: Pol. Sci. 321 (II) 3 hours
- 426 **International Law of Peace** (II) 3 hours
- 431 **Political Theory I** (I,II) each 3 hours
- 432 **Political Theory II** (I,II) each 3 hours
- 490 **Problems in Government** (I,II,S) 3 hours
- 501 **Comparative Politics: Theories and Literature of the Field**

PSYCHOLOGY

- 415 **Multiple Correlation and Factor Analysis** Prereq: Psych. 213 (I) 3 hours
 416 **Analysis of Variance** Prereq: Psych. 213 (II) 3 hours
 421 **General Experimental Psychology** Prereq: Psych. 213 (I,II) 4 hours
 431 **Psychological and Educational Testing**
 Prereq: Psych. 102 or Psych. 351 (S) 3 hours
 443 **Personality Theory** Prereq: Psych. 343 (I) 3 hours
 444 **Abnormal Psychology** Prereq: Psych. 343 (II) 3 hours
 447 **Counseling Theory** Prereq: Psych. 343 or Educ. 520 (I) 3 hours
 452 **Child Psychology** Prereq: Psych. 102 or Psych. 351 (I) 3 hours
 454 **Adolescent Psychology** Prereq: Psych. 102 or Psych. 351 (II) 3 hours
 455 **Retardation** Prereq: Psych. 343 (II) 3 hours
 457 **Theories of Developmental Psychology**
 Prereq: Psych. 213 and Psych. 343 (II) 3 hours
 459 **Psychology of Exceptional Children** Prereq: Psych. 343 or 351 (I) 3 hours
 461 **Human Engineering**
 Prereq: Psych. 101 and permission of instructor (I) 3 hours
 490 **Problems in Psychology** Prereq: 15 hours of Psych. (I,II,S) 1-3 hours
 501 **History and Current Trends in Psychology**
 Prereq: permission of instructor (I,II,S) 3 hours
 505 **Learning Theory** Prereq: Psych. 301 and Psych. 421 (II) 3 hours
 532 **Tests and Measurements** Prereq: Psych. 415 (II) 3 hours
 545 **Experimental Social Psychology** Prereq: Psych. 421 (I) 4 hours
 551 **Advanced Educational Psychology**
 Prereq: permission of instructor (I,II,S) 3 hours
 553 **Individual Tests: Children**
 Prereq: Psych. 213 and 431 or Psych. 532 (I) 4 hours
 554 **Individual Tests: Adolescents and Adults**
 Prereq: Psych. 553 (II) 4 hours
 555 **Introduction to Therapeutic Techniques with Children**
 Prereq: permission of instructor (I) 3 hours
 561 **Seminar in Industrial Psychology** Prereq: Psych. 545 (II) 1-3 hours
 591 **Topical Seminar in Psychology**
 Prereq: permission of instructor (I,II) 1-3 hours
 595 **Practicum in Psychology**
 Prereq: permission of instructor (I,II,S) 1-6 hours
 601 **Thesis** (I,II,S) 1-6 hours
 602

DEPARTMENT OF SOCIOLOGY

- 402 **Collective Behavior and Social Movements**
 Prereq: 6 hours of Soc. (II) 3 hours
 410 **The Community** Prereq: 6 hours Soc. (I) 3 hours
 414 **Urban Sociology** Prereq: 9 hours Soc. Sci. (I,II) 3 hours
 421 **Cultural Anthropology**
 Prereq: 9 hours Soc. Sci., Soc. 221 preferred (I) 3 hours
 436 **Psychology of Criminal Behavior** Prereq: Soc. 335 (II) 3 hours
 437 **Juvenile Delinquence** Prereq: Soc. 301 or 335 (I) 3 hours
 438 **Penology and Corrections** Prereq: Soc. 335 (II) 3 hours
 445 **Human Resources and Welfare Organization**
 Prereq: Soc. 410 or 345 (II) 3 hours
 451 **Methods of Social Research**
 Prereq: Statistics and 9 hours of Soc. (I) 3 hours
 462 **Complex Social Organizations** Prereq: Soc. 361 (II) 3 hours
 471 **Development of Sociological Theory** Prereq: 9 hours Soc. (I) 3 hours
 472 **Contemporary Sociological Theory** Prereq: 9 hours Soc. (II) 3 hours
 475 **Social Change** Prereq: 9 hours Soc. and/or Hist. (II) 3 hours
 492 **Sociology Field Practice** Prereq: permission of instructor (II) 3 hours
 499 **Independent Study** (I,II) 1-3 hours
 501 **Problems in Sociology, Seminar.** Required of all graduate (I) 3 hours for
 students. 1½ hours per week or equivalent. academic year
 505 **Seminar in Social Psychology** (II) 3 hours
 510 **Seminar in Applications of Sociology** (1965-66 "The Problem
 Family") (II) 3 hours
 550 **Topical Research Seminar** (I) 3 hours
 560 **Seminar in Social Organization** (1965-66 Comparative
 Organization) (II) 3 hours
 570 **Seminar in Sociological Theory** (I) 3 hours
 595 **Practicum in Applied Sociology** (I) each 3 hours
 596
 601 **Thesis** (II) each 3 hours
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